

CLAIMS

1. An information recording method of recording information in files on an information storage medium, comprising the step of recording at least one of a
5 video file containing video information, a still picture file containing still picture information, and an audio file containing audio information, on said information recording medium.

2. An information recording method according to
10 claim 1, further comprising the step of recording a management file having management information on a control method of reproducing the information recorded in at least one of said video file, still picture file, and audio file, in a position different from those of
15 said video file still picture file, and audio file on said information recording medium.

3. An information recording method according to claim 2, wherein said management information includes at least one piece of playback sequence information
20 having links to reproduce the information in at least one of said video file, still picture file, and audio file.

4. An information recording method according to claim 3, wherein said playback sequence information
25 indicates a playback sequence for reproducing the reproducible information in at least one of said video file, still picture file, and audio file.

5. An information recording method according to claim 4, wherein said playback sequence information is composed of plural programs.

5 6. An information recording method according to claim 5, wherein said management information includes information indicating the number of programs constituting said playback sequence information.

10 7. An information recording method according to claim 2, wherein the information in at least one of said video file, still picture file, and audio file is divided into specific standard units, and said management information includes information indicating the positions of said standard units recorded on said information recording medium.

15 8. An information recording method according to claim 2, wherein said management information includes at least one piece of playback sequence information having links to reproduce the information in at least two of said video file, still picture file, and audio file.

20 9. An information recording method according to claim 3 or 8, wherein said playback sequence information is program chain information and the information in at least one of said video file, still picture file, and audio file is divided into cells or objects.

25 10. An information recording method according to

claim 9, further comprising the step of setting a unique AV address in at least one of said video file, still picture file, and audio file and recording address information on either said cells or objects in said management file on the basis of the AV address.

11. An information recording method according to claim 10, wherein said AV address uses the first recording position of at least one of said video file, still picture file, and audio file as the initial value and is used to set serial numbers to all the recordable/erasable areas in at least one of said video file, still picture file, and audio file.

12. An information recording method according to claim 2, wherein said management file includes playback sequence information indicating the sequence for reproducing all the reproducible information in at least one of said video file, still picture file, and audio file.

13. An information recording method according to claim 1, wherein at least one of said video file, still picture file, and audio file is composed of plural object units, in each of which an object unit begin pack has been recorded.

14. An information reproducing method comprising the step of, from an information recording medium on which at least one of a video file containing video information, a still picture file containing still

picture information, and an audio file containing audio information and a management file having management information on a control method of reproducing the information recorded in the file have been recorded, reproducing the information in said file on the basis of the management information recorded in said management file.

15. An information reproducing method according to claim 14, wherein said management information includes at least one piece of playback sequence information having links to reproduce the information in at least one of said video file, still picture file, and audio file.

16. An information reproducing method according to claim 15, wherein said playback sequence information indicates the sequence for reproducing the reproducible information in at least one of said video file, still picture file, and audio file.

17. An information reproducing method according to claim 16, wherein said playback sequence information is composed of plural programs.

18. An information reproducing method according to claim 17, wherein said management information includes information indicating the number of programs constituting said playback sequence information.

19. An information reproducing method according to claim 14, wherein the information in at least one of

said video file, still picture file, and audio file is divided into specific standard units, and said management information includes information indicating the positions of said standard units on said
5 information recording medium.

20. An information reproducing method according to claim 14, wherein said management information includes at least one piece of playback sequence information having links to reproduce the information in at least
10 two of said video file, still picture file, and audio file.

21. An information recording medium comprising:
at least one of a video file containing video information, a still picture file containing still
15 picture information, and an audio file containing audio information; and

a management file in which management information including information on the playback sequence having links to reproduce the information in said file has
20 been recorded.

22. An information recording medium according to claim 21, further comprising a backup management file for said management file in which information can be recorded.

23. An information recording medium according to claim 21, wherein at least one of said video file, still picture file, and audio file is composed of
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plural object units, in each of which an object unit
begin pack has been recorded.

24. An information storage medium according to
claim 23, wherein said object unit begin pack has time
information on recording recorded in it.

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